

**PATENT COOPERATION TREATY**

**PCT**

**INTERNATIONAL SEARCH REPORT**

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>E38553 KOH/J</b>	<b>FOR FURTHER ACTION</b>	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. <b>PCT/NO 2005/000040</b>	International filing date ( <i>day/month/year</i> ) <b>3 February 2005</b>	(Earliest) Priority Date ( <i>day/month/year</i> ) <b>11 February 2004</b>
Applicant <b>Ellycrack AS et al</b>		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b.  With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2.  Certain claims were found unsearchable (see Box No. II)

3.  Unity of invention is lacking (see Box No. III)

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 1

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b.  none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/NO 2005/000040

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: C10G 11/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: C10G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 0047695 A1 (INDUSTRIKONTAKT, ING. O. ELLINGSEN & CO.), 17 August 2000 (17.08.2000), figure 4, claims 1-9 --	1-12
X	US 5538623 A (DAVID L. JOHNSON ET AL), 23 July 1996 (23.07.1996), figure 1, claims 1-6 --	1-12
X	US 5234578 A (LAURENCE O. STINE ET AL), 10 August 1993 (10.08.1993), figure 1, claims 1-9 --	1-12
X	US 5348644 A (PIERRE MAROY ET AL), 20 Sept 1994 (20.09.1994), figure 4, examples --	1-12

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "B" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

25 May 2005

Date of mailing of the international search report

27-05-2005

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/NO 2005/000040

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4708785 A (GEORGE D. MYERS), 24 November 1987 (24.11.1987), figures 1-9, claims 1-16 --	1-12
A	EP 0236055 A2 (ENGELHARD CORPORATION), 9 Sept 1987 (09.09.1987), figure 1 --	1-12
A	EP 0101878 A2 (ASHLAND OIL, INC.), 7 March 1984 (07.03.1984), figure 1 --	1-12
A	EP 0077044 A2 (ASHLAND OIL, INC.), 20 April 1983 (20.04.1983), figure 1 --	1-12
A	US 4276150 A (KEITH W. MCHENRY, JR.), 30 June 1981 (30.06.1981), figure 1 -- -----	1-12

## INTERNATIONAL SEARCH REPORT

Information on patent family members

30/04/2005

International application No.

PCT/NO 2005/000040

WO	0047695	A1	17/08/2000	AU	2833400	A	29/08/2000
				CA	2359779	A	17/08/2000
				NO	312302	B	22/04/2002
				NO	990651	A	14/08/2000
				US	6660158	B	09/12/2003
US	5538623	A	23/07/1996		NONE		
US	5234578	A	10/08/1993	US	6248297	B	19/06/2001
US	5348644	A	20/09/1994	FR	2654435	A,B	17/05/1991
				GB	2239459	A,B	03/07/1991
				GB	9024416	D	00/00/0000
				JP	3223392	A	02/10/1991
				ZA	9009021	A	25/09/1991
US	4708785	A	24/11/1987	AU	8684382	A	02/12/1983
				US	4602993	A	29/07/1986
				WO	8304042	A	24/11/1983
				AT	374817	B	12/06/1984
				AT	559380	A	15/10/1983
				AU	545834	B	01/08/1985
				AU	6439280	A	21/05/1981
				BR	8007425	A	26/05/1981
				CA	1167793	A	22/05/1984
				DE	3043032	A,C	03/09/1981
				EG	15381	A	30/06/1991
				ES	497230	A	16/10/1981
				ES	8107293	A	16/12/1981
				FR	2470791	A,B	12/06/1981
				GB	2063294	A,B	03/06/1981
				IL	61491	A	30/04/1984
				IN	155030	A	22/12/1984
				IT	1142185	B	08/10/1986
				IT	8050152	D	00/00/0000
				JP	1016879	B	28/03/1989
				JP	1532277	C	24/11/1989
				JP	56084790	A	10/07/1981
				MX	160983	A	29/06/1990
				NL	8006225	A	16/06/1981
				NL	8006226	A	16/06/1981
				NL	8006227	A	16/06/1981
				NO	162346	B,C	04/09/1989
				NO	803422	A	15/05/1981
				US	4332673	A	01/06/1982
				US	4375404	A	01/03/1983
				US	4376038	A	08/03/1983
				US	4376696	A	15/03/1983
				US	4390415	A	28/06/1983
				YU	42542	B	31/10/1988
				YU	290380	A	31/12/1983
				ZA	8007031	A	27/01/1982

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Information on patent family members

30/04/2005

International application No.

PCT/NO 2005/000040

EP	0236055	A2	09/09/1987	BR	8700870	A	22/12/1987
				CN	87100803	A	07/10/1987
				ZA	8701301	A	26/10/1988
-----				CA	1218325	A	24/02/1987
EP	0101878	A2	07/03/1984	JP	59045904	A	15/03/1984
				US	4600499	A	15/07/1986
				US	4606811	A	19/08/1986
				US	4744883	A	17/05/1988
-----				AT	19647	T	15/05/1986
EP	0077044	A2	20/04/1983	DE	3271030	D	00/00/0000
				US	4551231	A	05/11/1985
-----				US	4276150	A	30/06/1981
						NONE	